

FIG. 1



FIG. 2

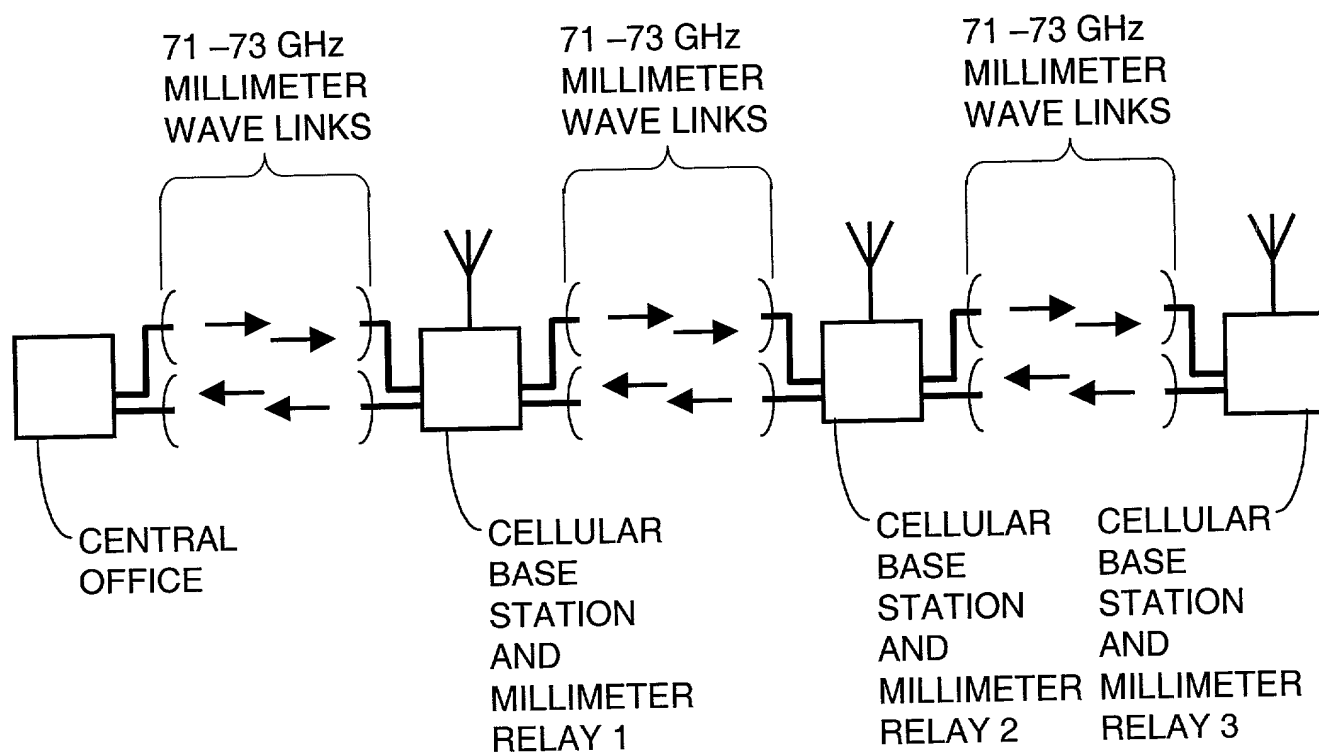


FIG. 3

FIG. 4

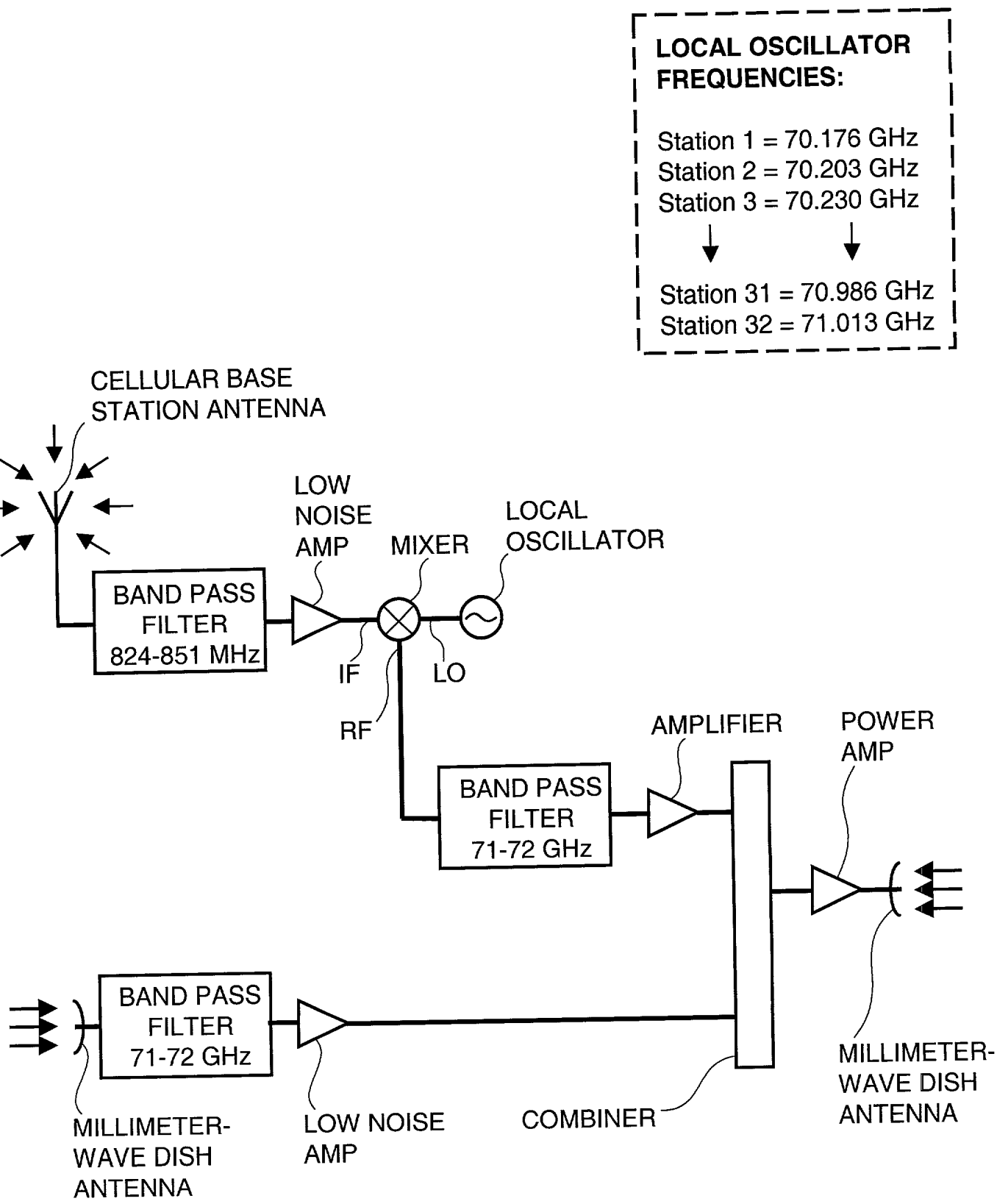


FIG. 4

Station 1 = 71.131 GHz
Station 2 = 71.163 GHz
Station 3 = 71.195 GHz

Station 31 = 72.091 GHz
Station 32 = 72.123 GHz

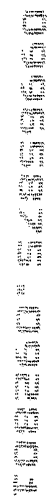


FIG. 5

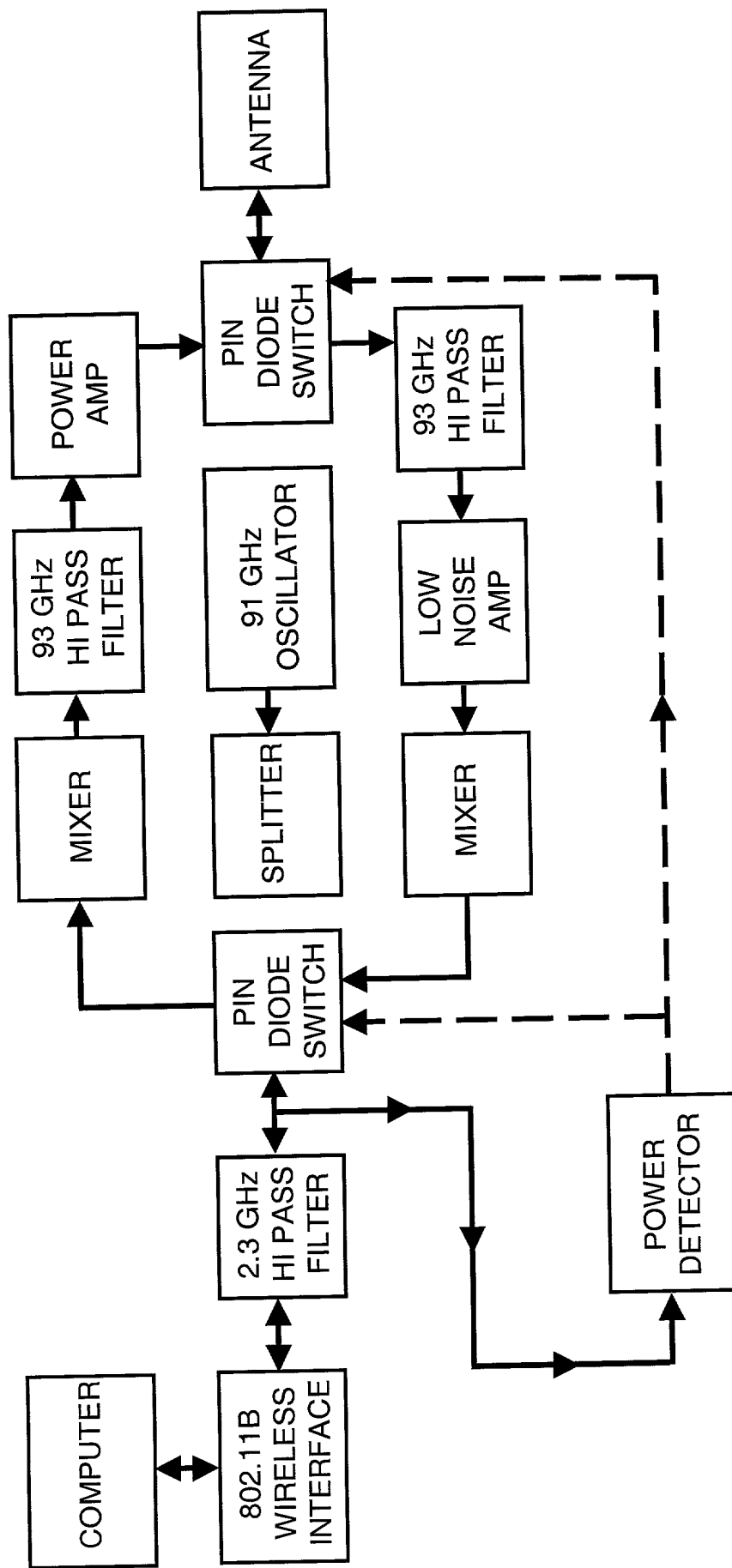


FIG. 6

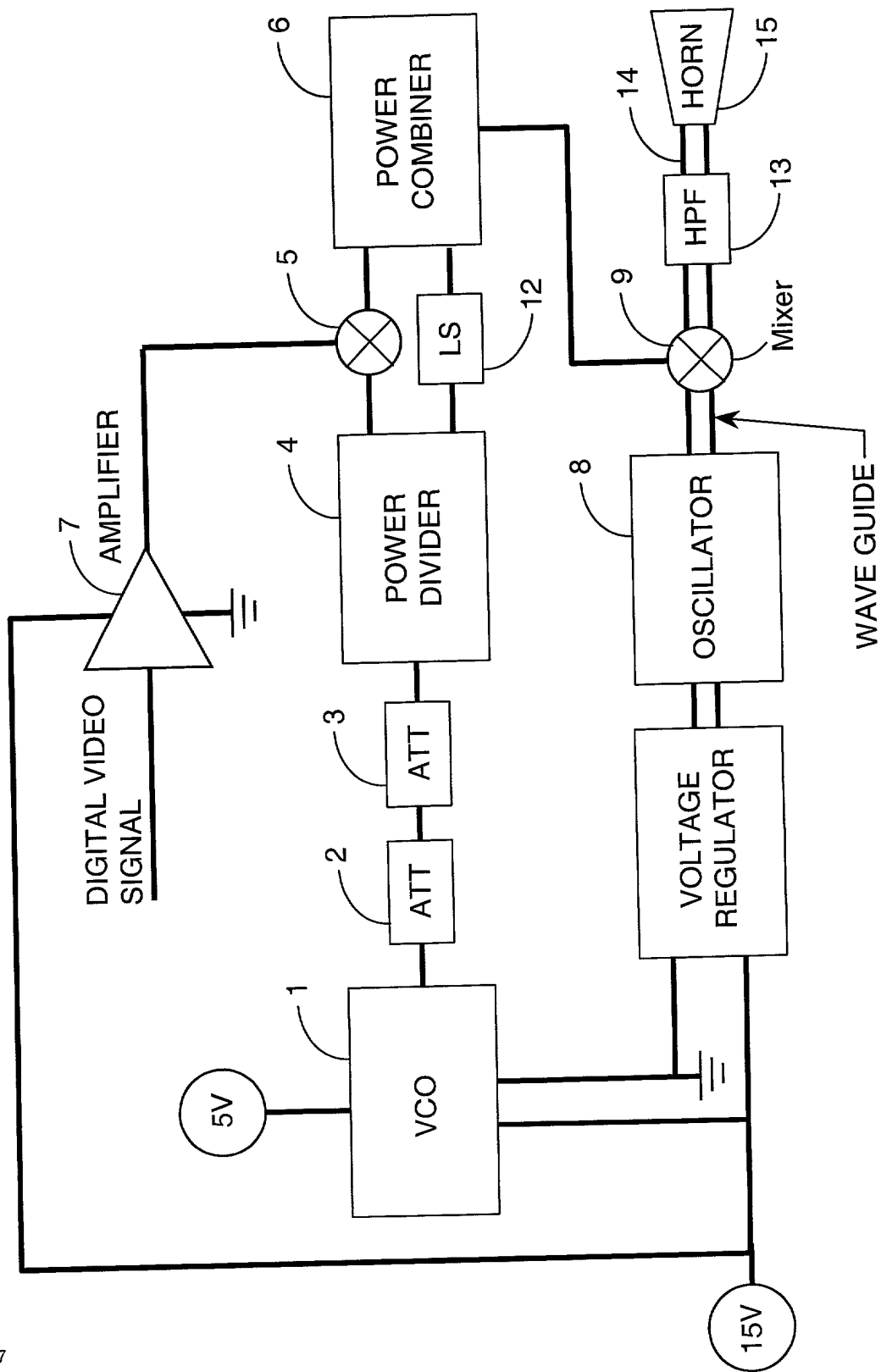


FIG. 7

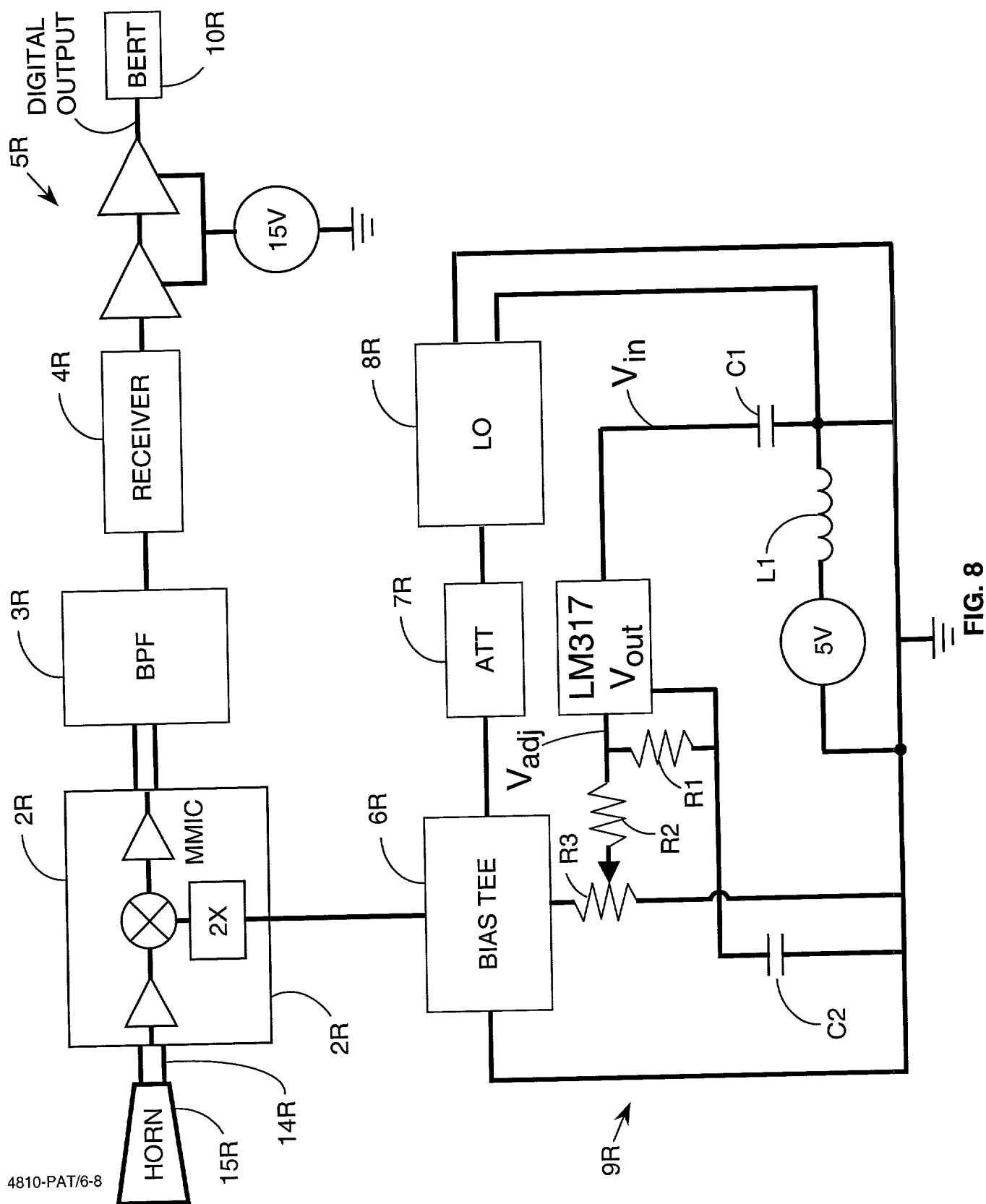
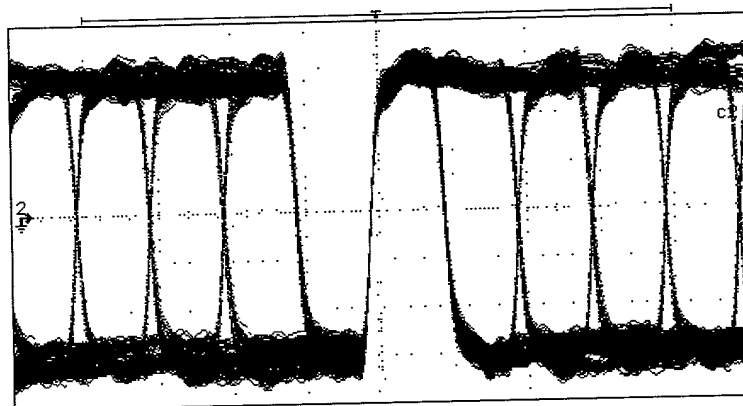


FIG. 8

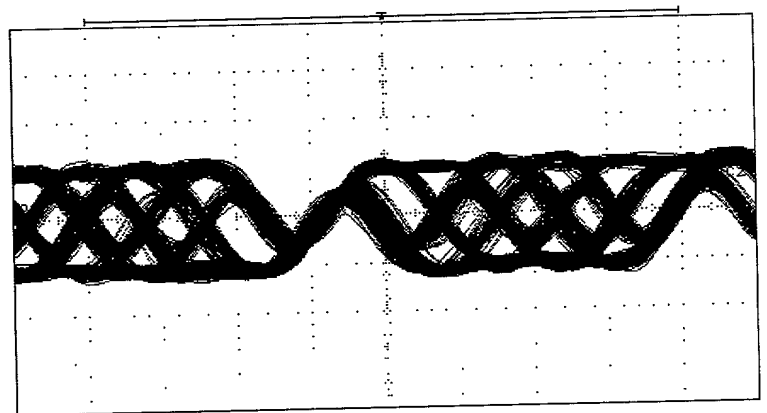
095959560 2859560



-24.000 ns 1.000 ns 26.000 ns
5.00 ns/div Real time
2 200 mV/
0.00000 V
RECEIVER SIGNAL FROM BERT 200

FIG. 9

099597 09301
T02260 52859660



-4.000 ns 1.000 ns 6.000 ns
1.00 ns/div Real time
2 500 mV/
0.00000 V

RECEIVER SIGNAL FROM BERT 200

FIG. 10

TRANSMITTER (STATION A)

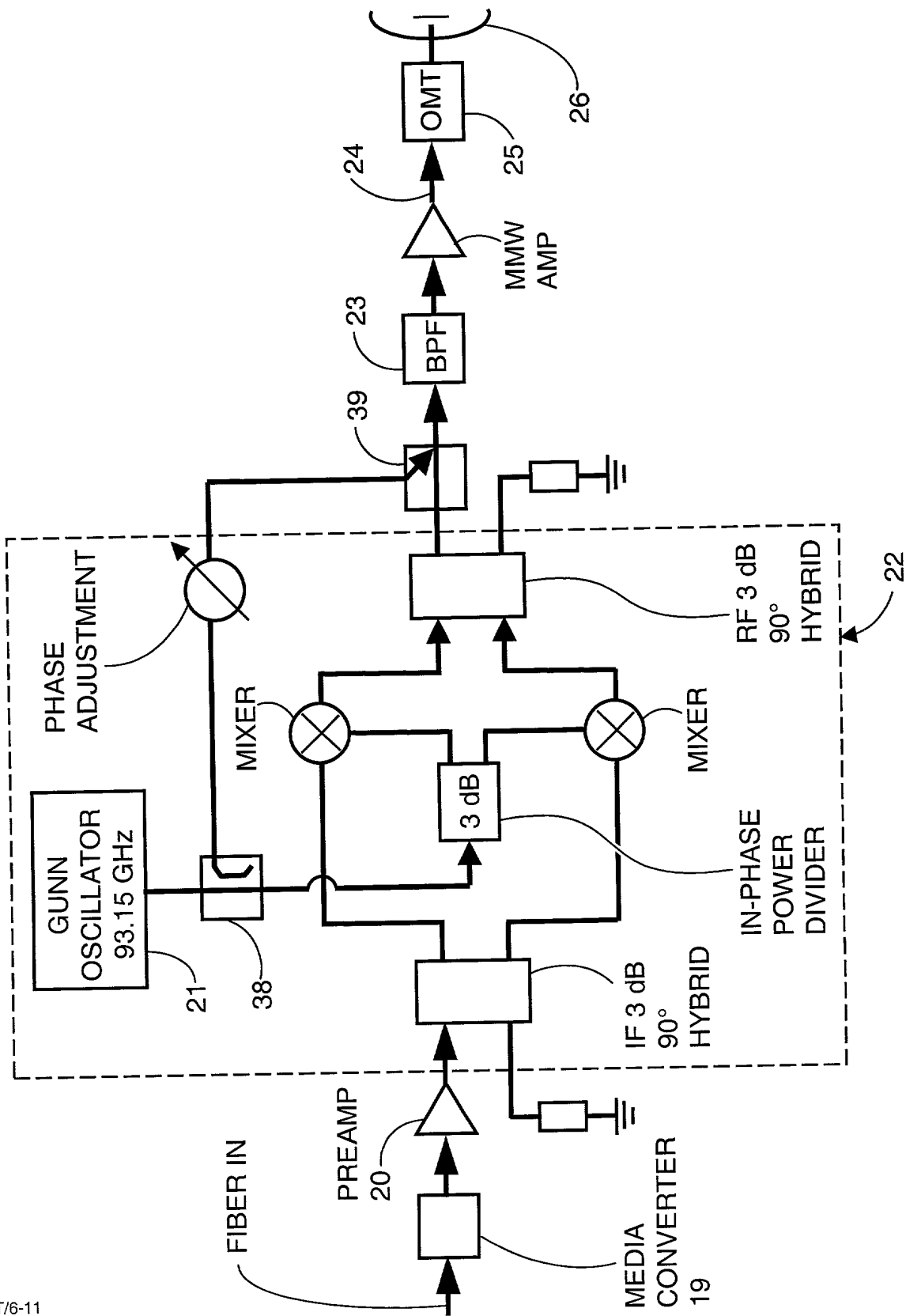


FIG. 11A

RECEIVER (STATION A)

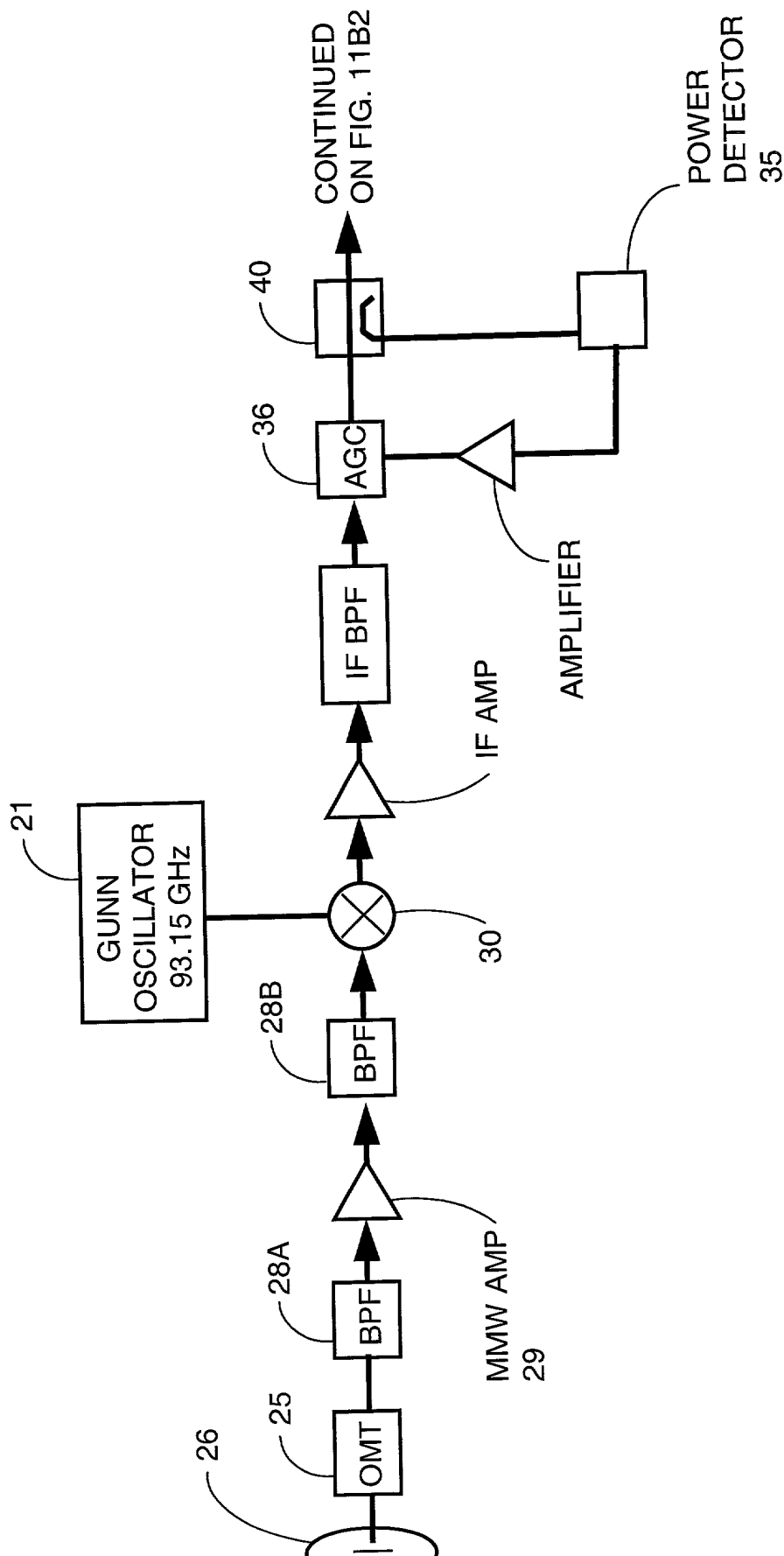
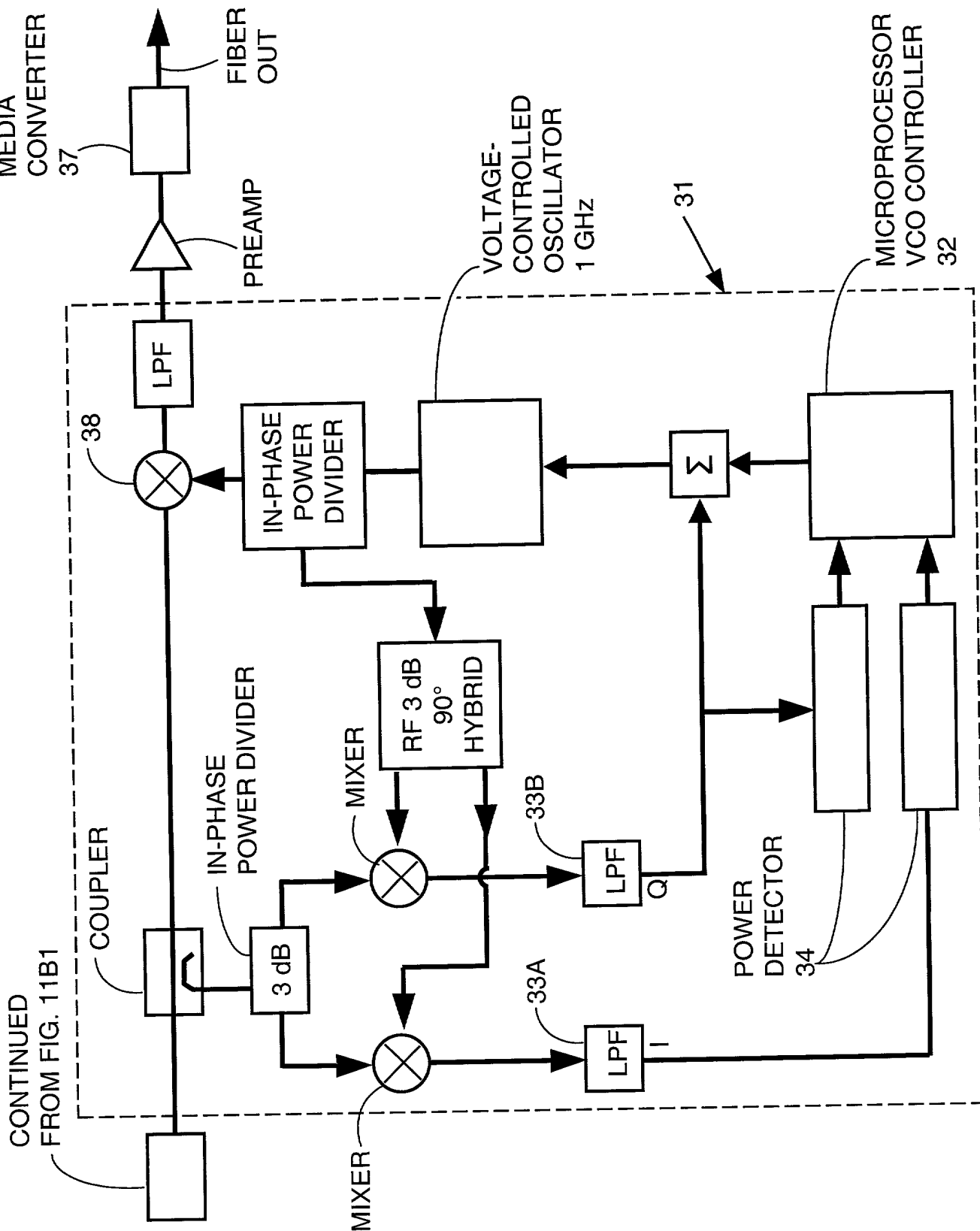
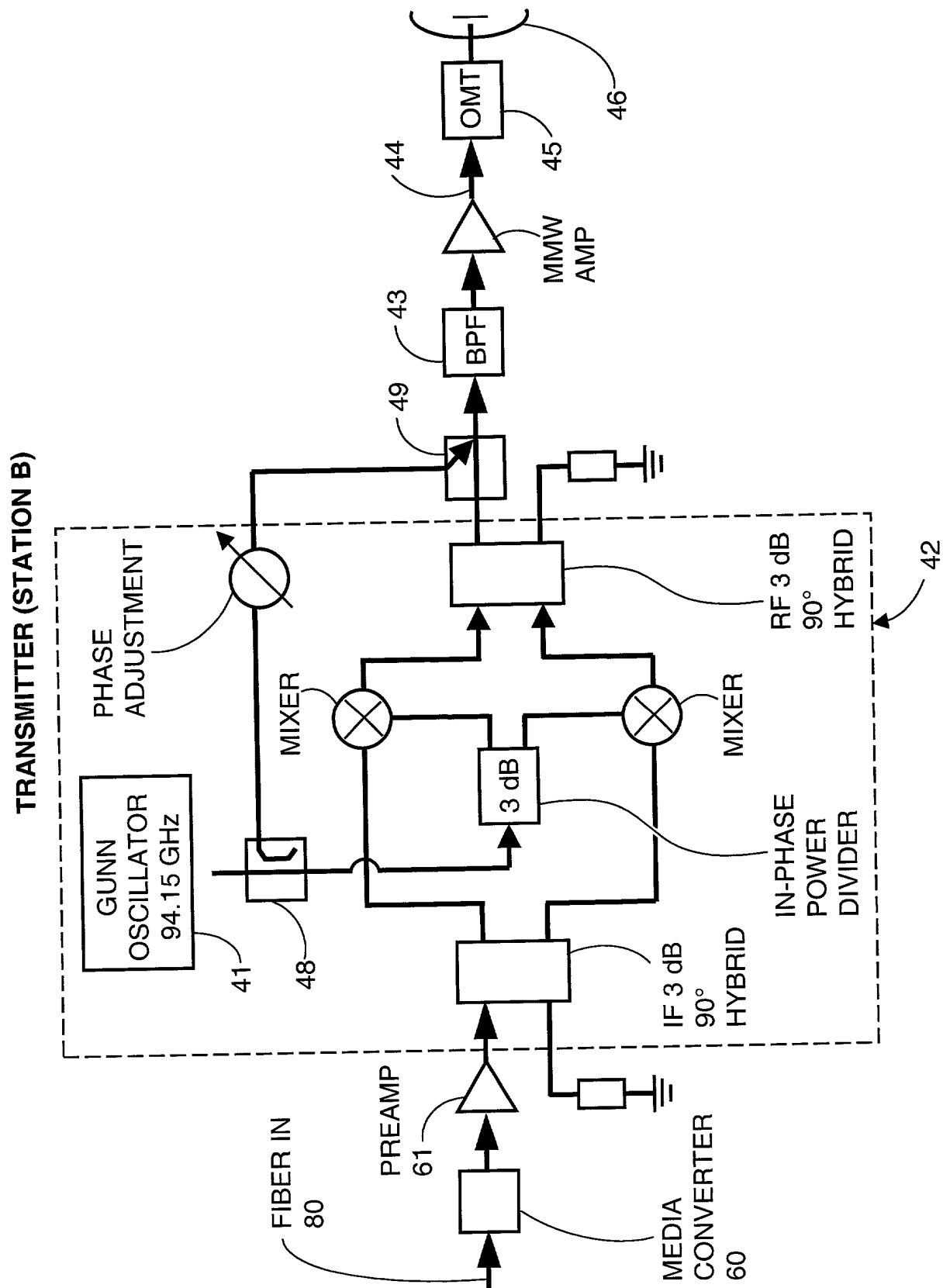


FIG. 11B1





RECEIVER (STATION B)

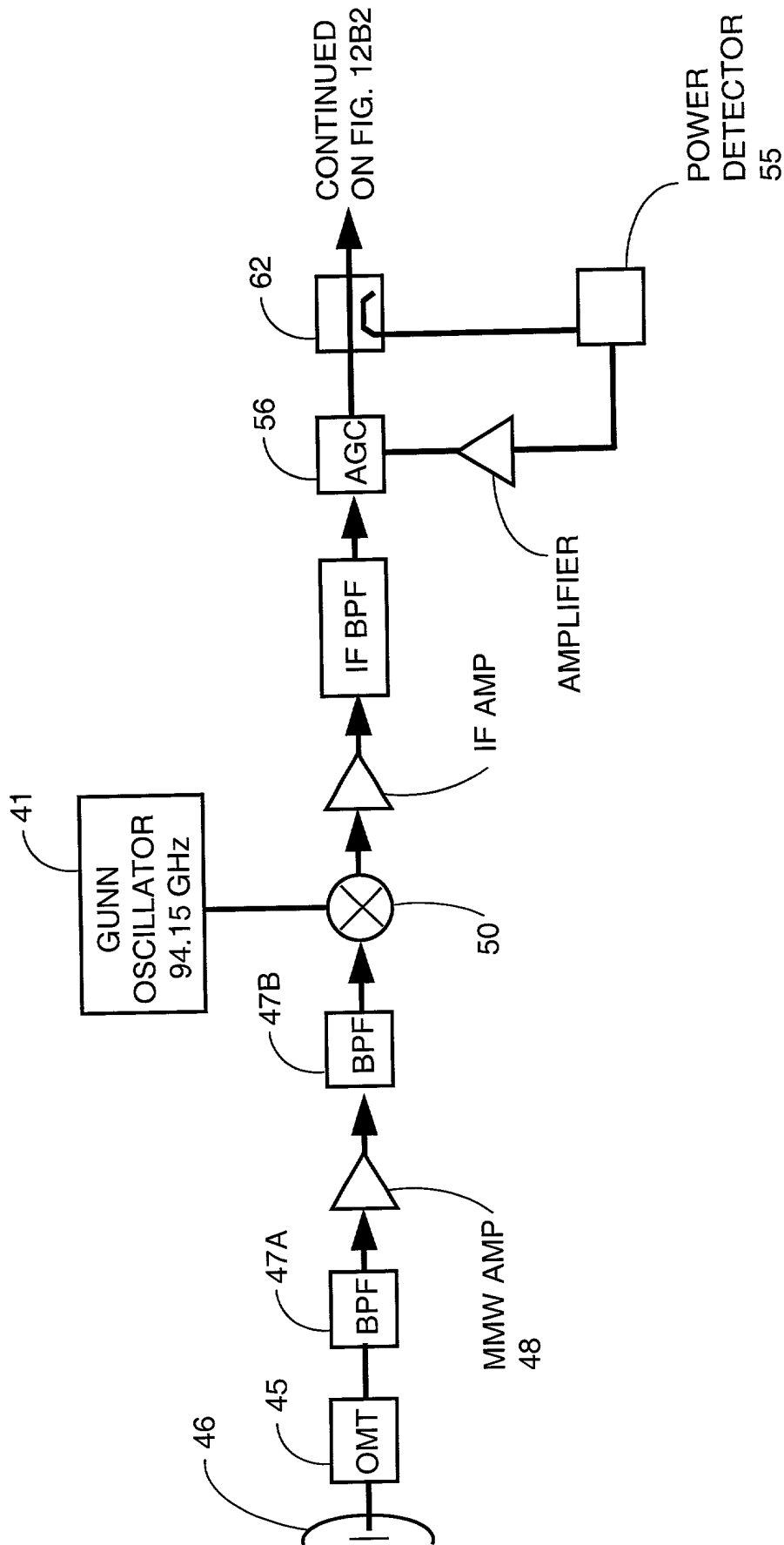


FIG. 12B1

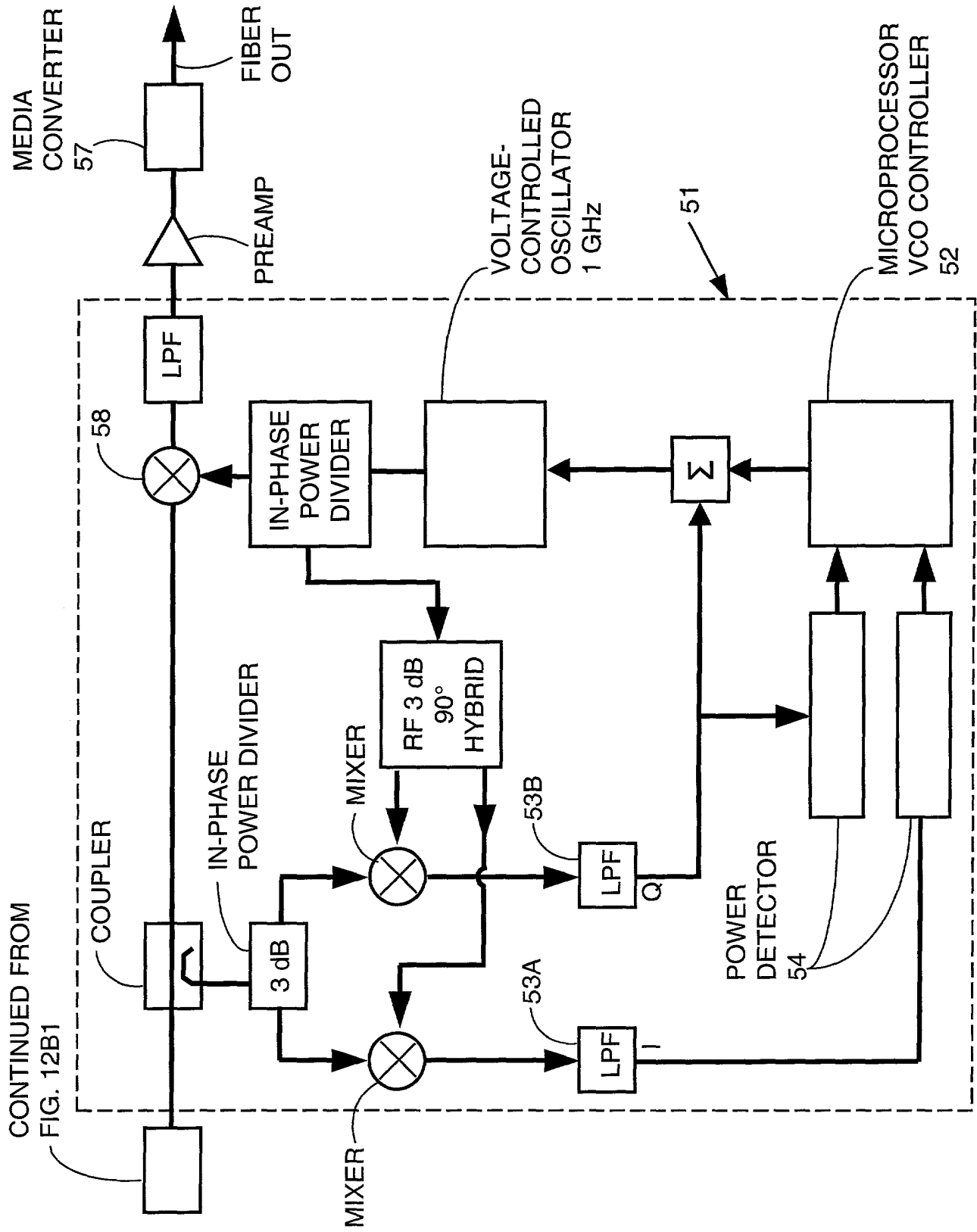


FIG. 12B2

SPECTRUM PLANNING DIAGRAMS (STATION A)

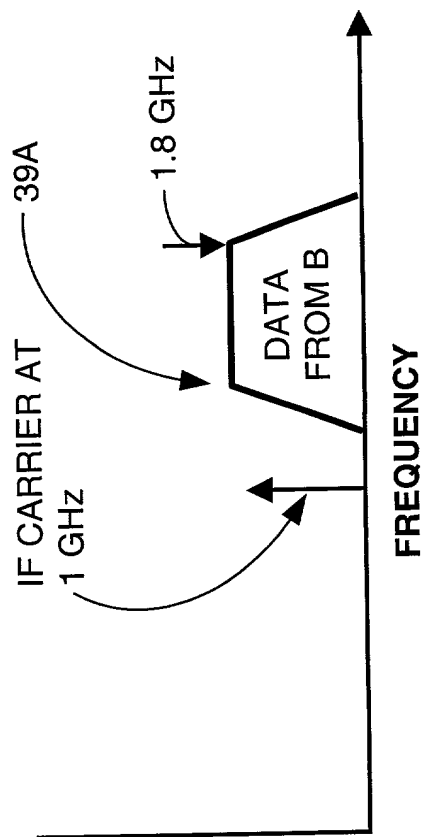
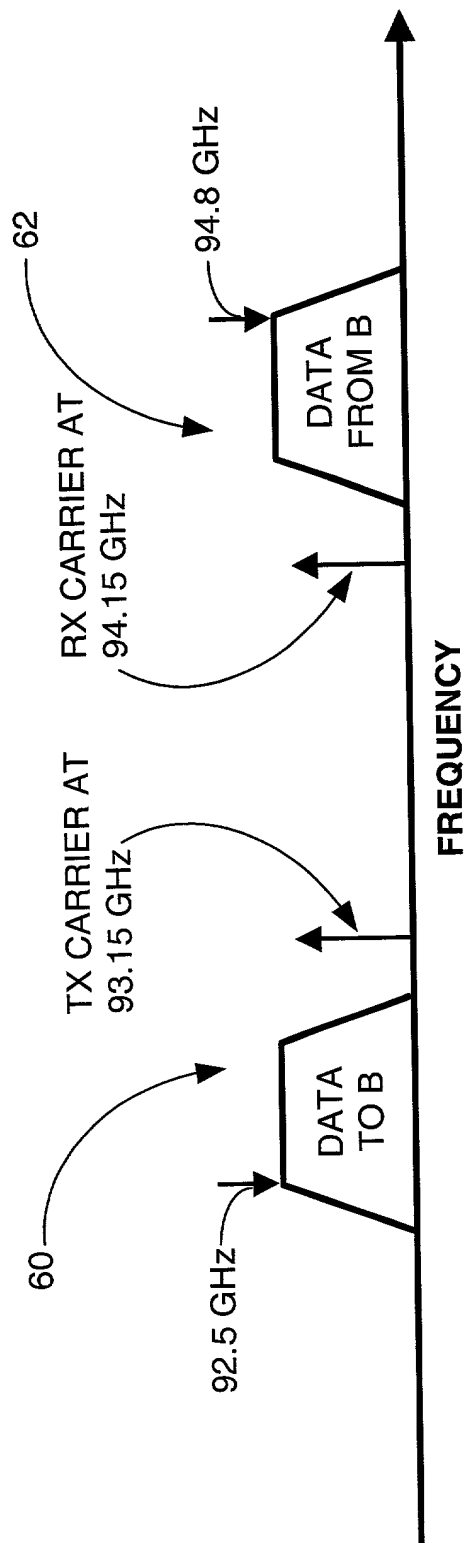


FIG. 13A

SPECTRUM PLANNING DIAGRAMS (STATION B)

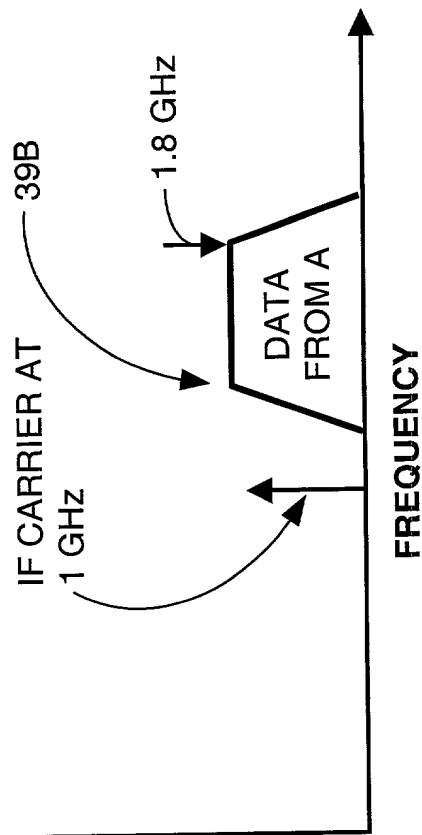
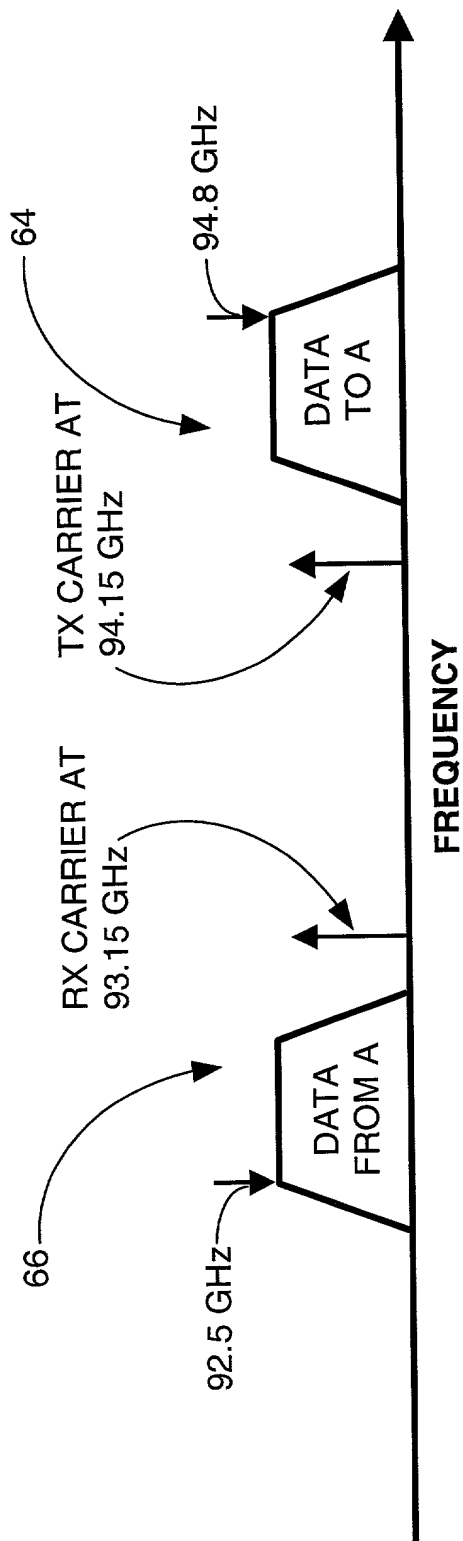


FIG. 13B

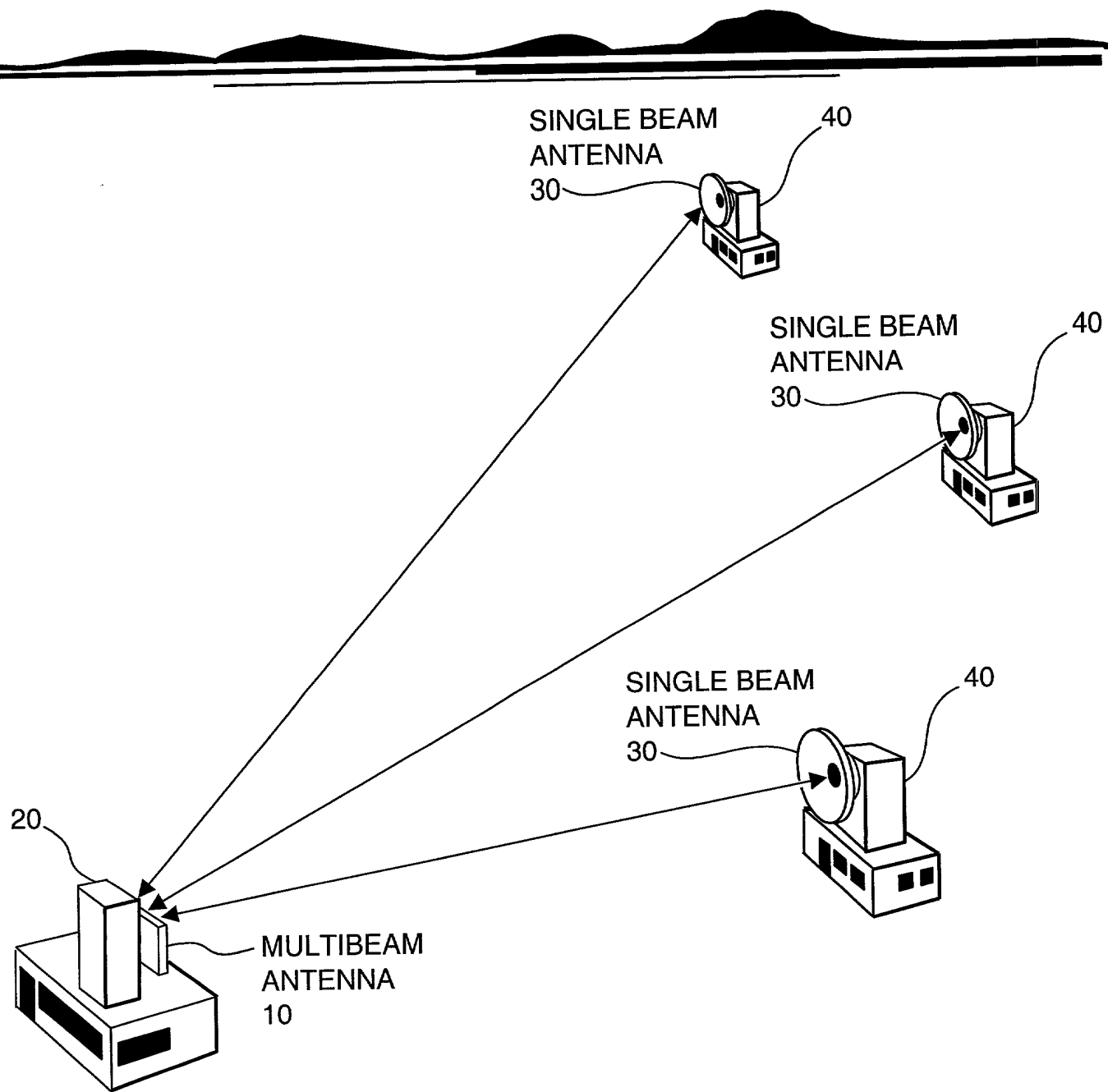


FIG. 14

099675 0964
T0220" 54639660

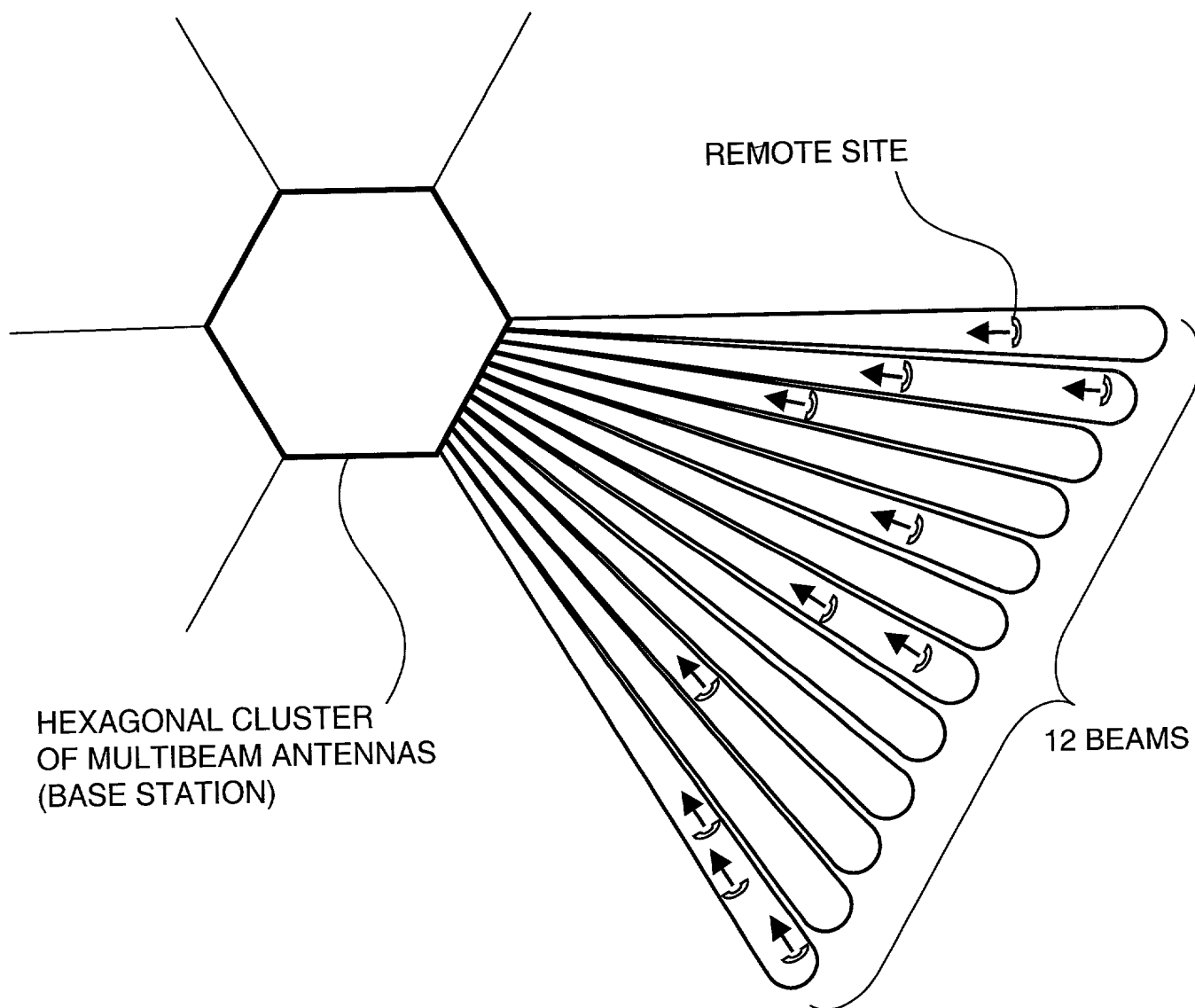


FIG. 15A

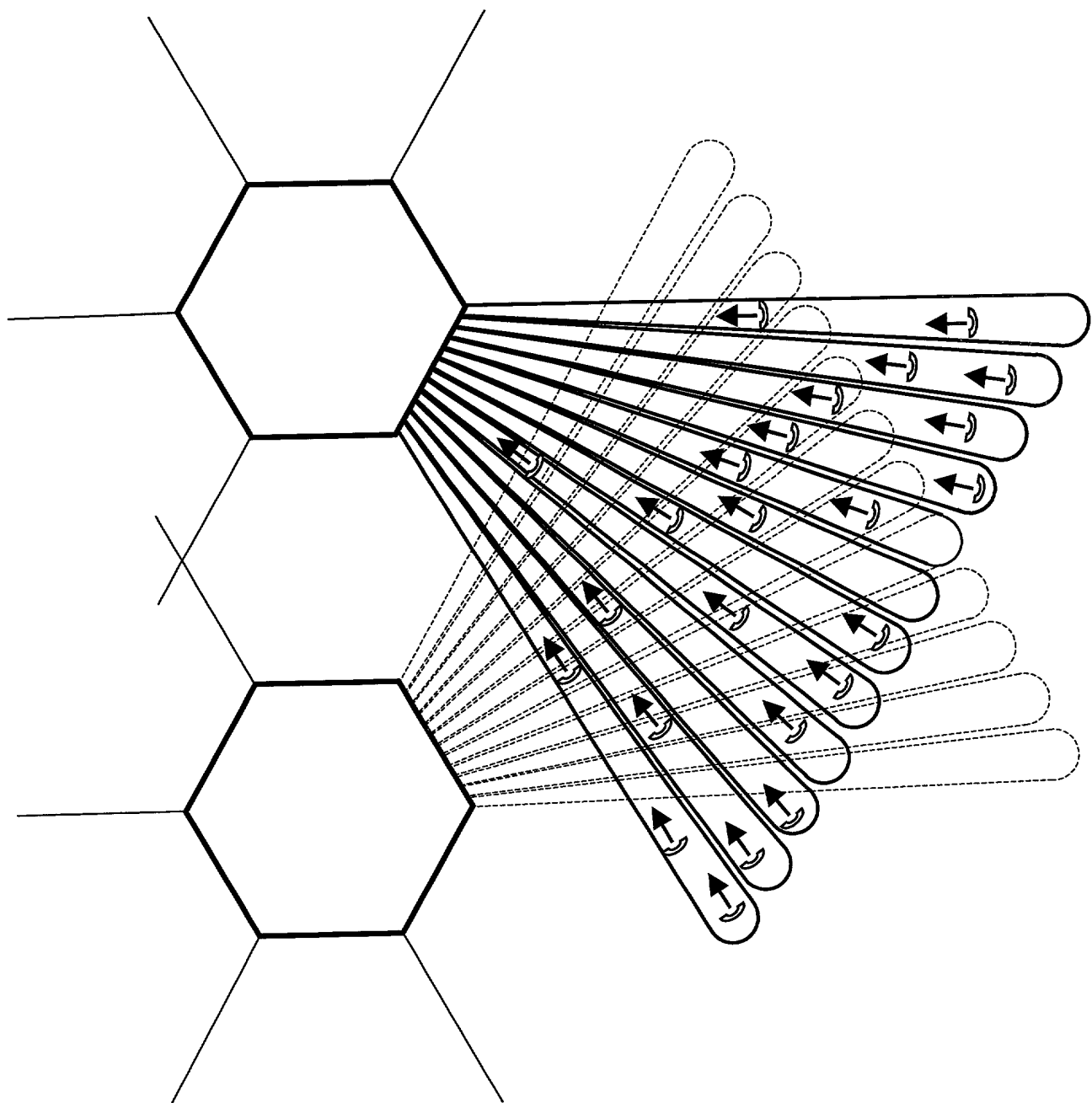


FIG.15B

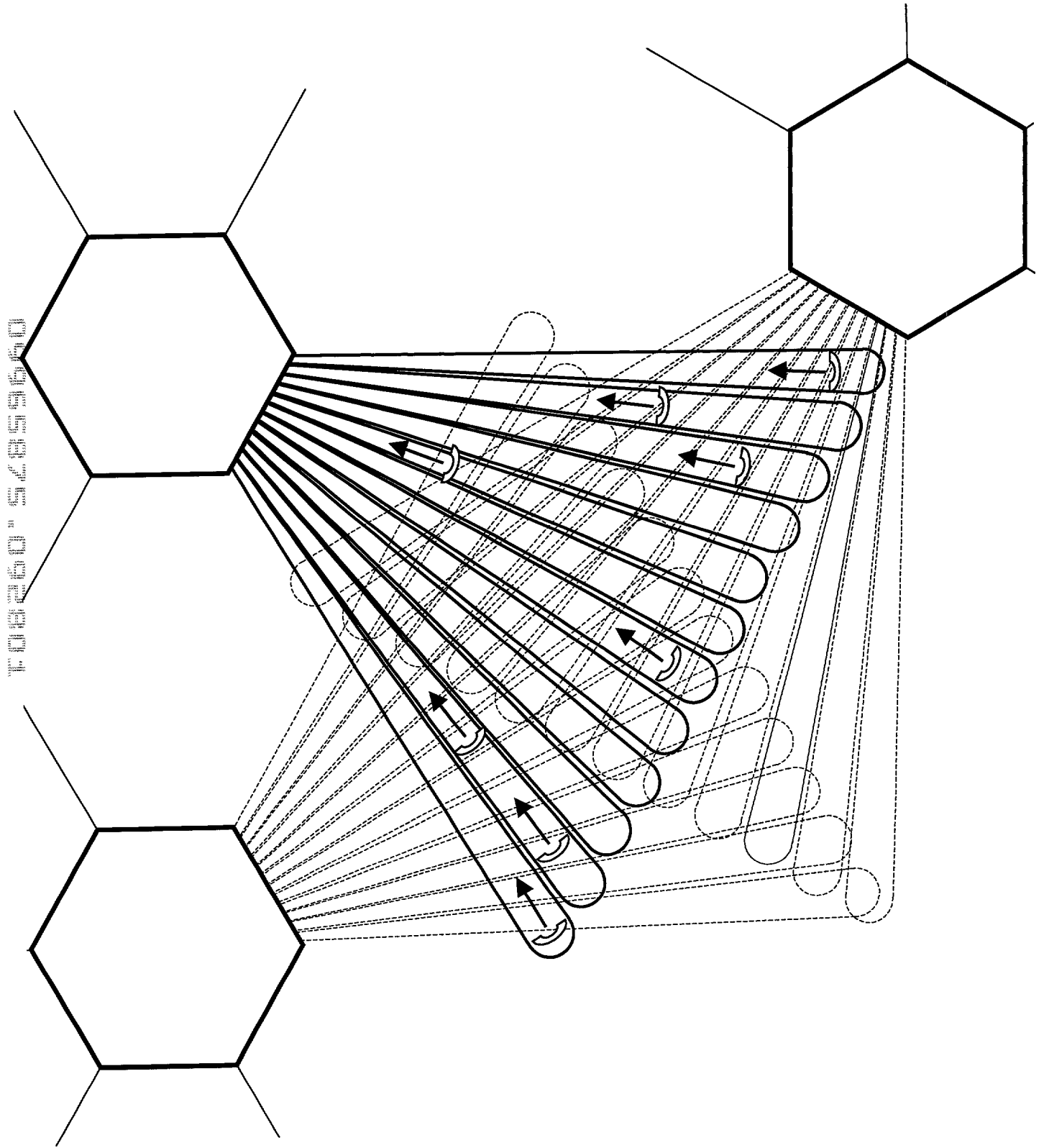


FIG. 15C

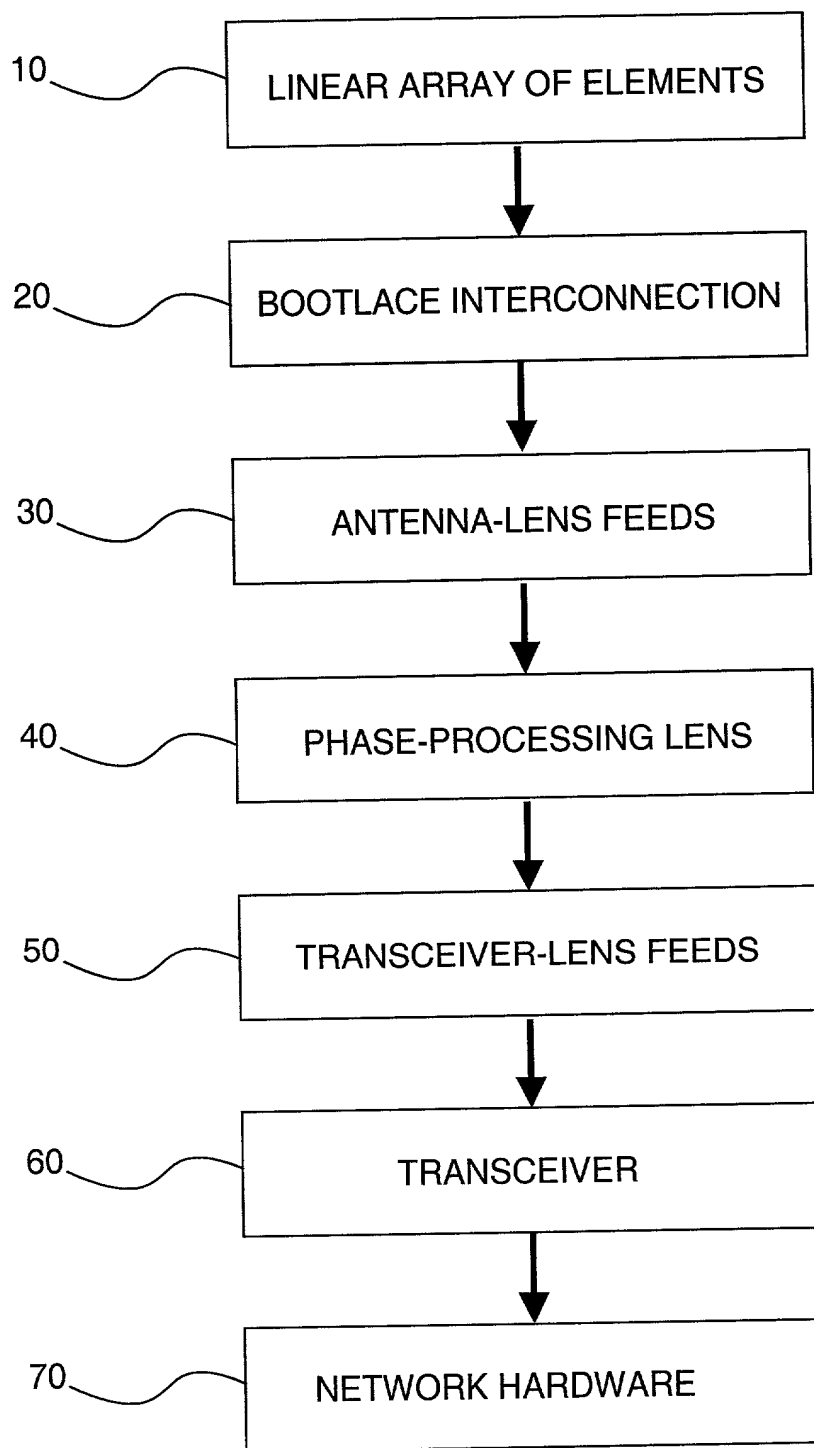


FIG. 16

TOP VIEW

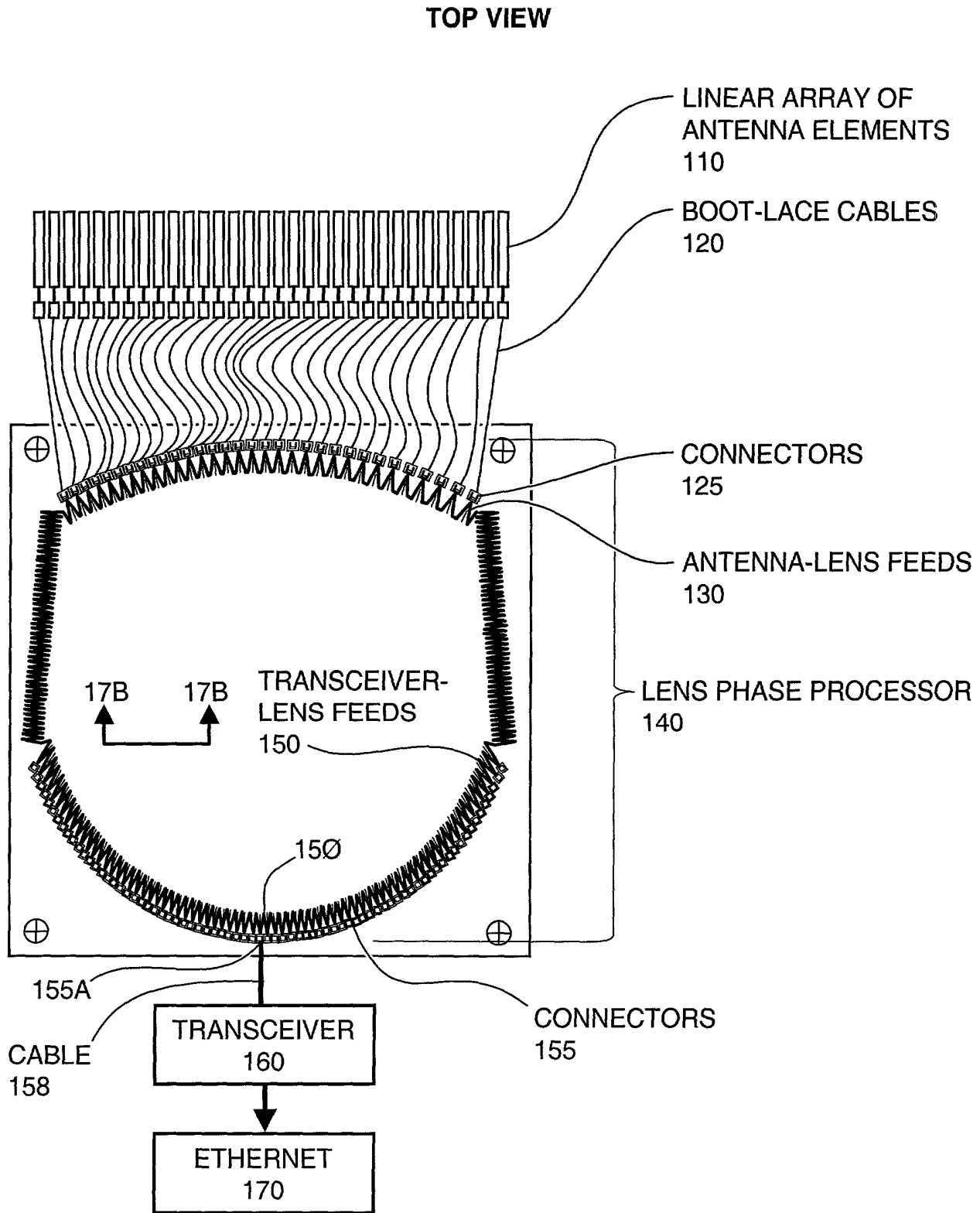


FIG. 17A

SIDE VIEW

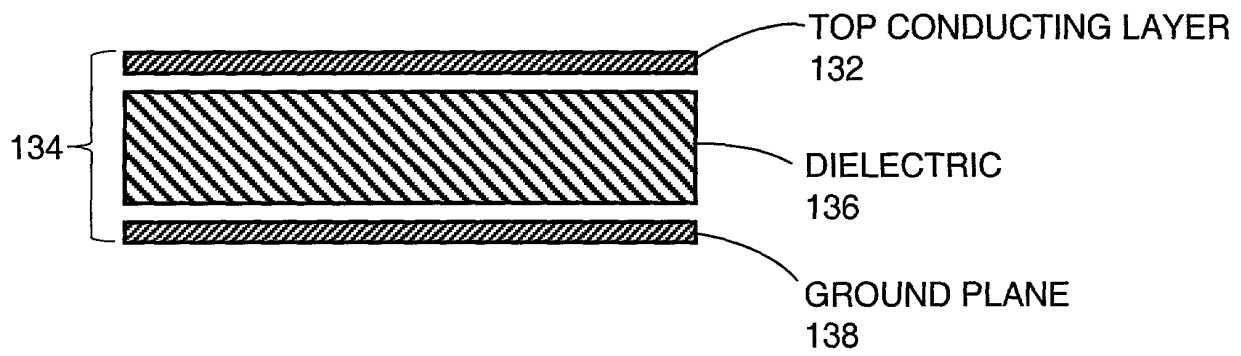


FIG. 17B

TOP VIEW

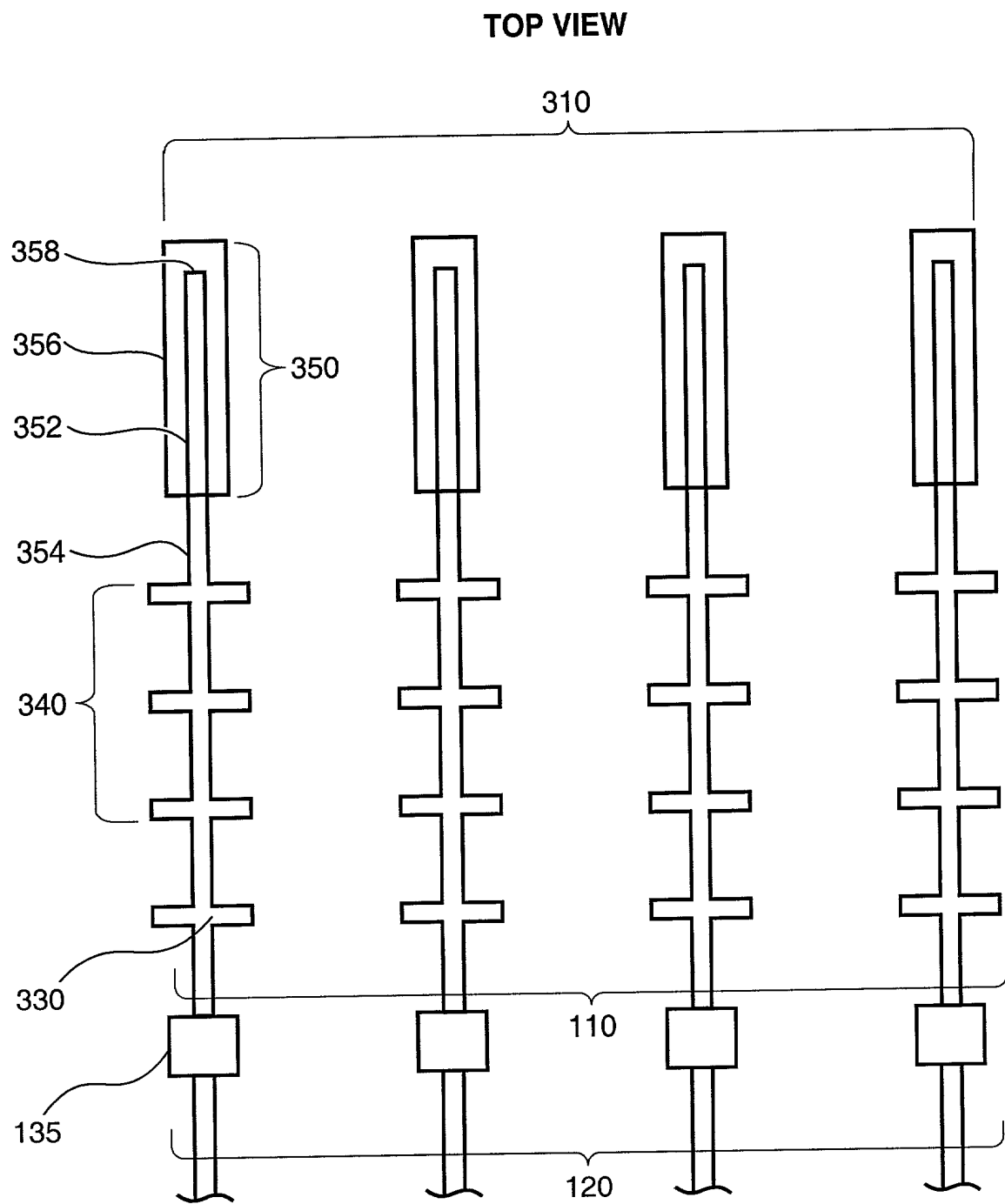


FIG. 18A

0936370936360

END VIEW

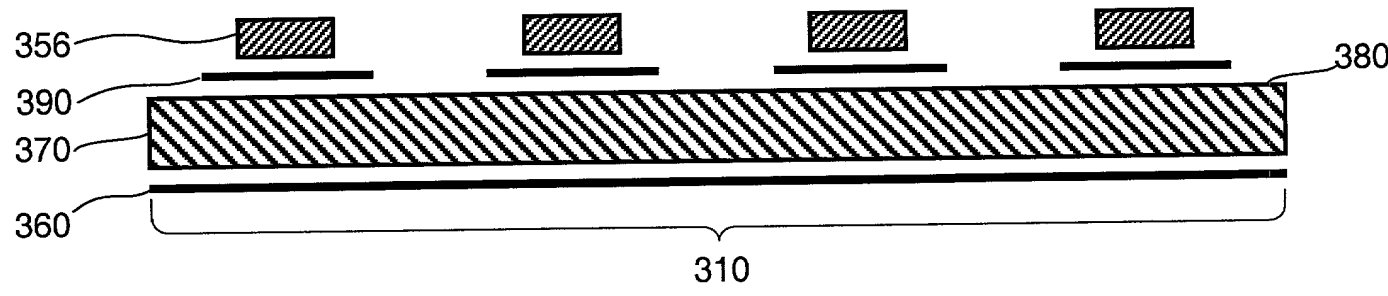


FIG. 18B

22 INCHES

ANTENNA-LENS CONNECTORS
125

ANTENNA-LENS FEED HORNS
130

TOP ARC
410

TRANSCEIVER-LENS FEED HORNS
150

FOCAL ARC
420

TRANSCEIVER-LENS CONNECTORS
156

22 INCHES

4810-PAT/6-30

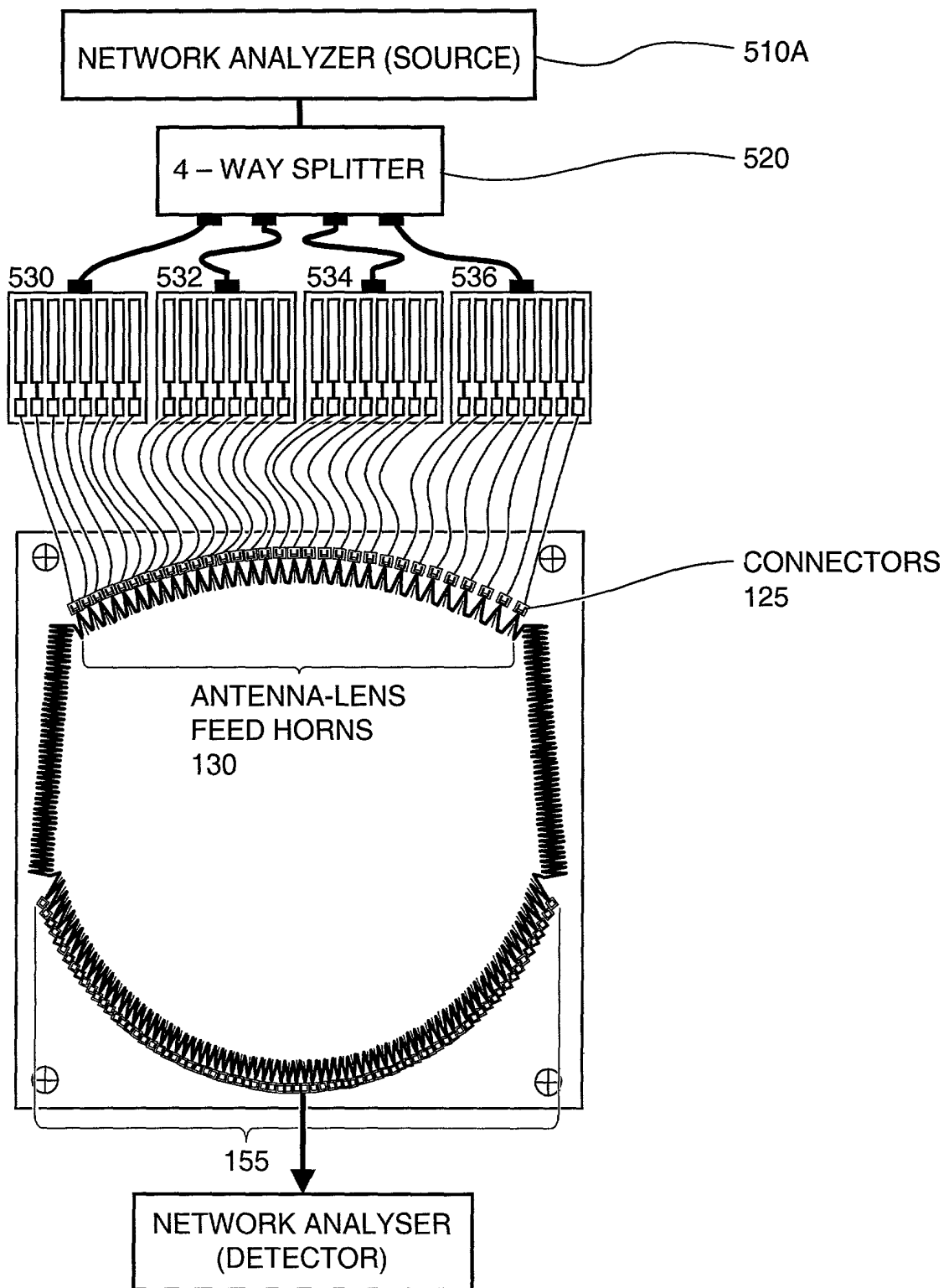


FIG. 20

TOP SECRET 5203650

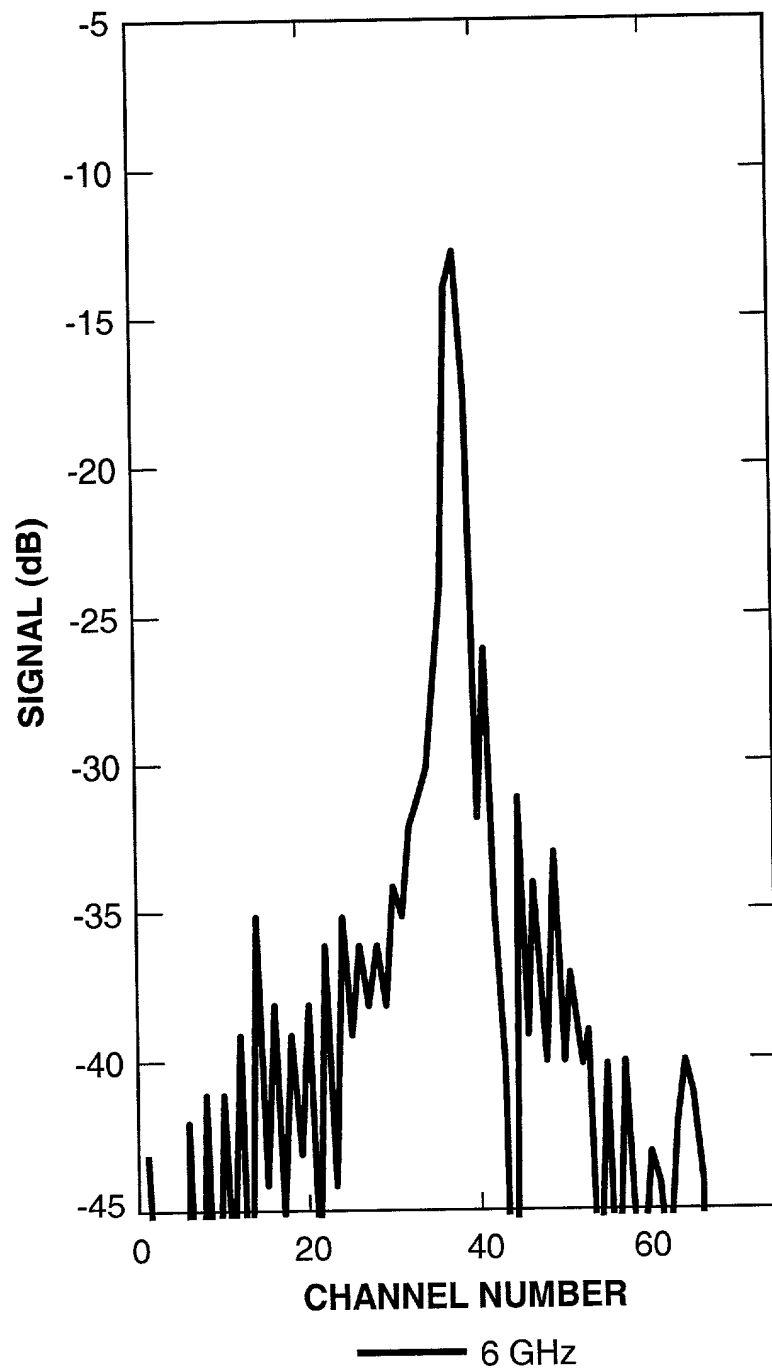


FIG. 21A

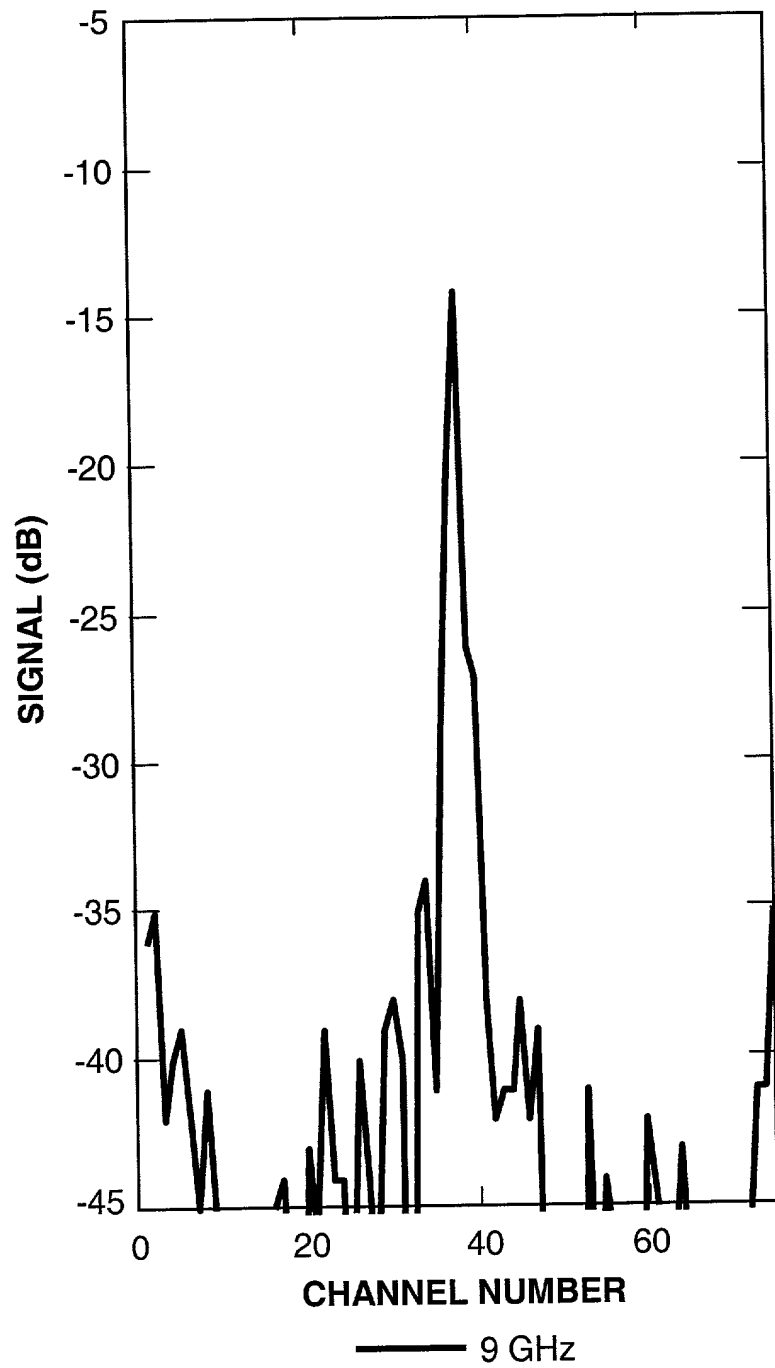


FIG. 21B

100260 34839660

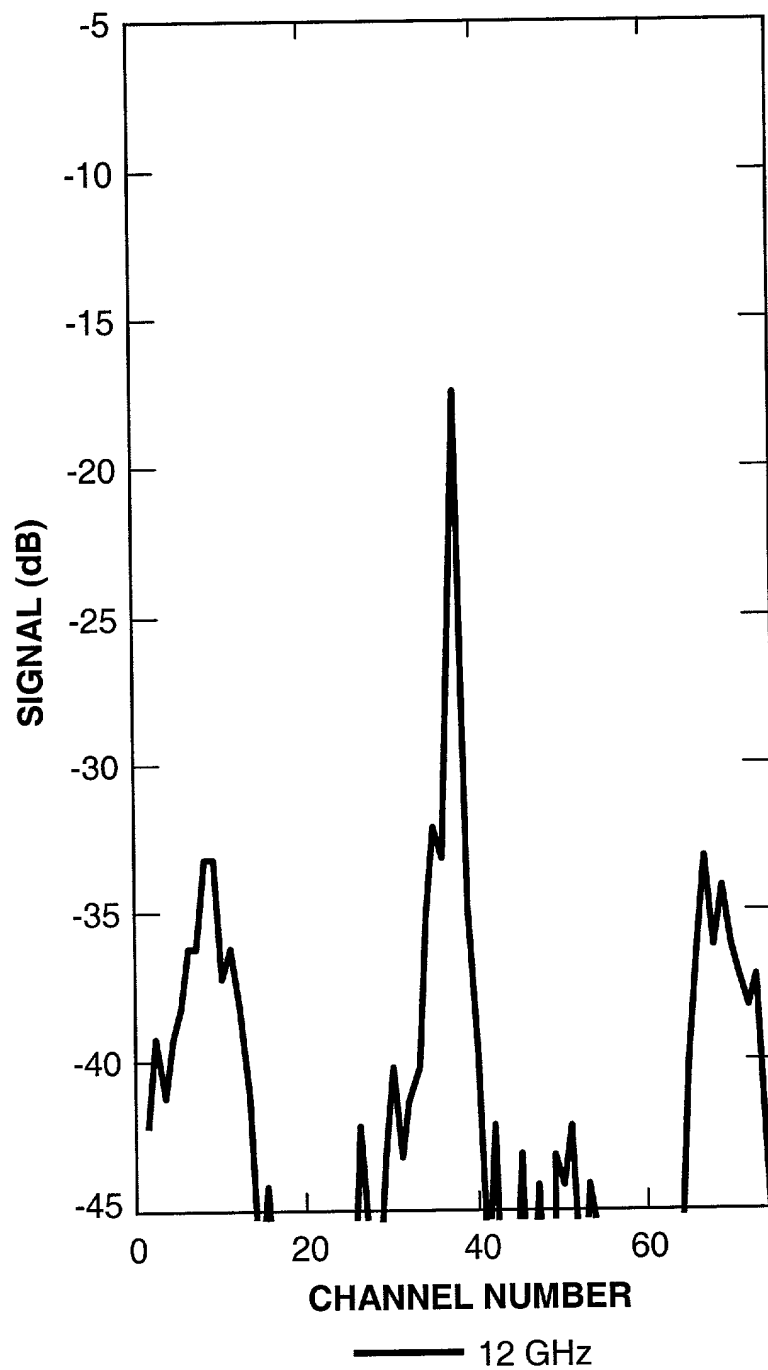
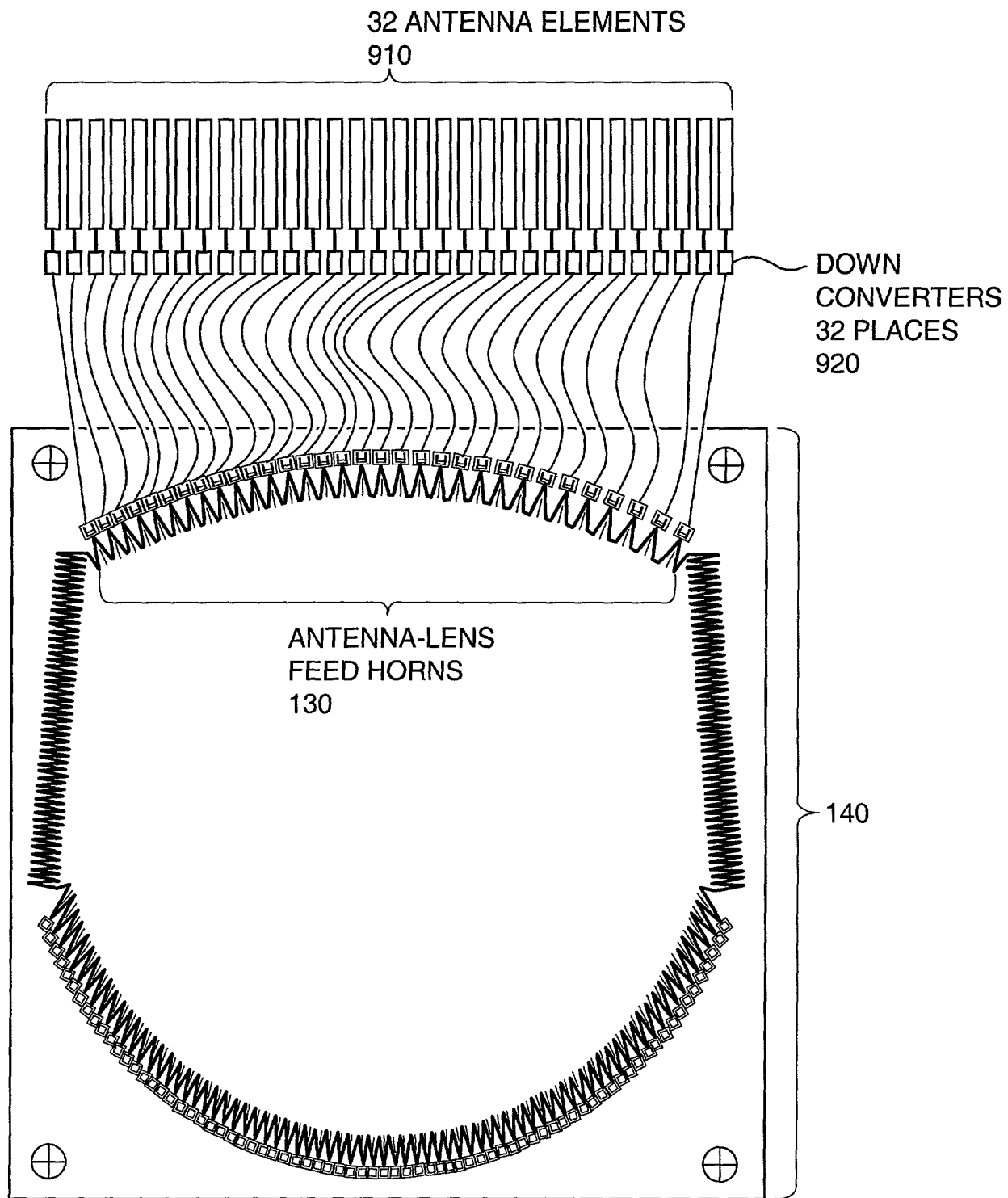


FIG. 21C



108260" 52833660

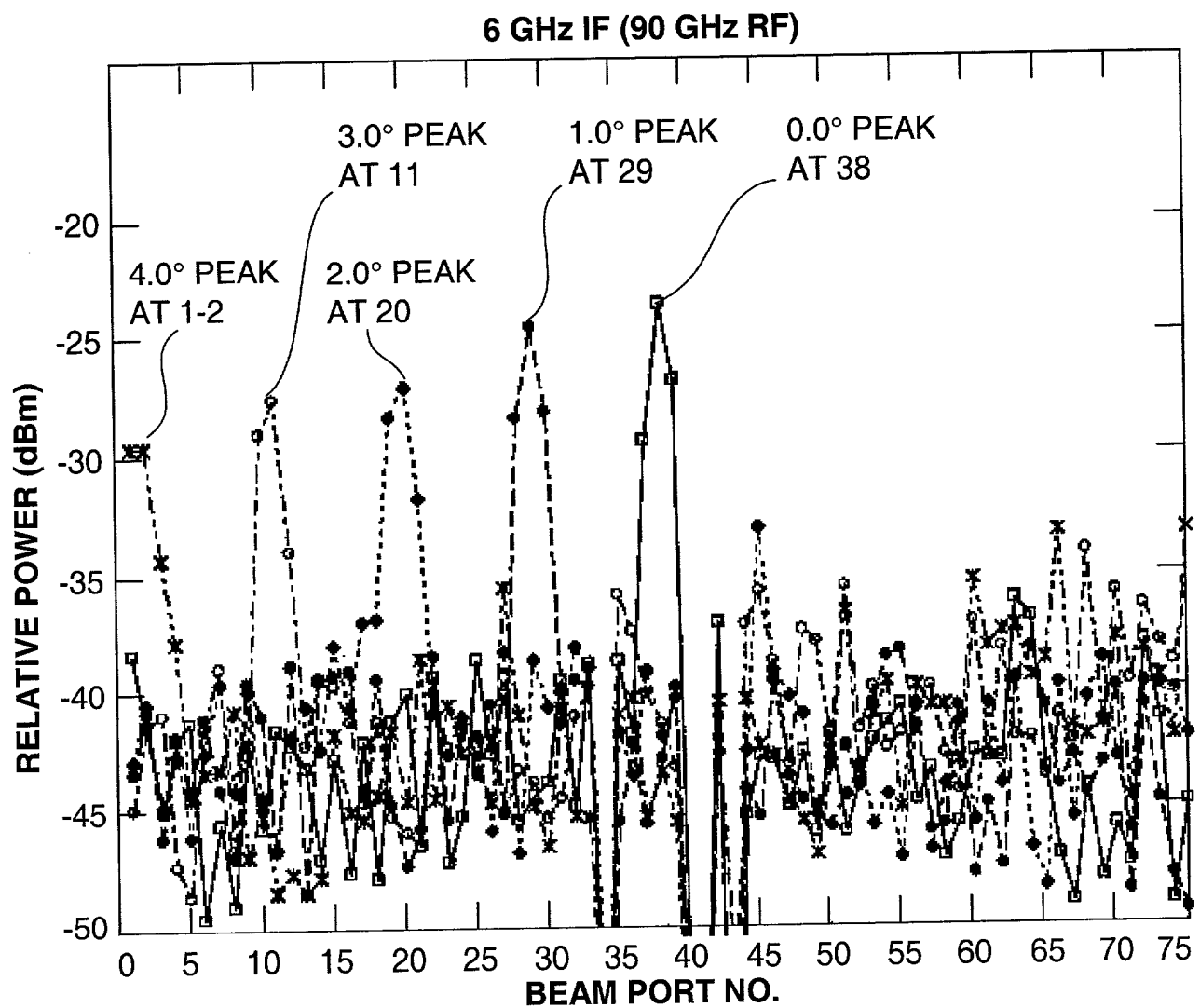


FIG. 23A

103250" 52059660

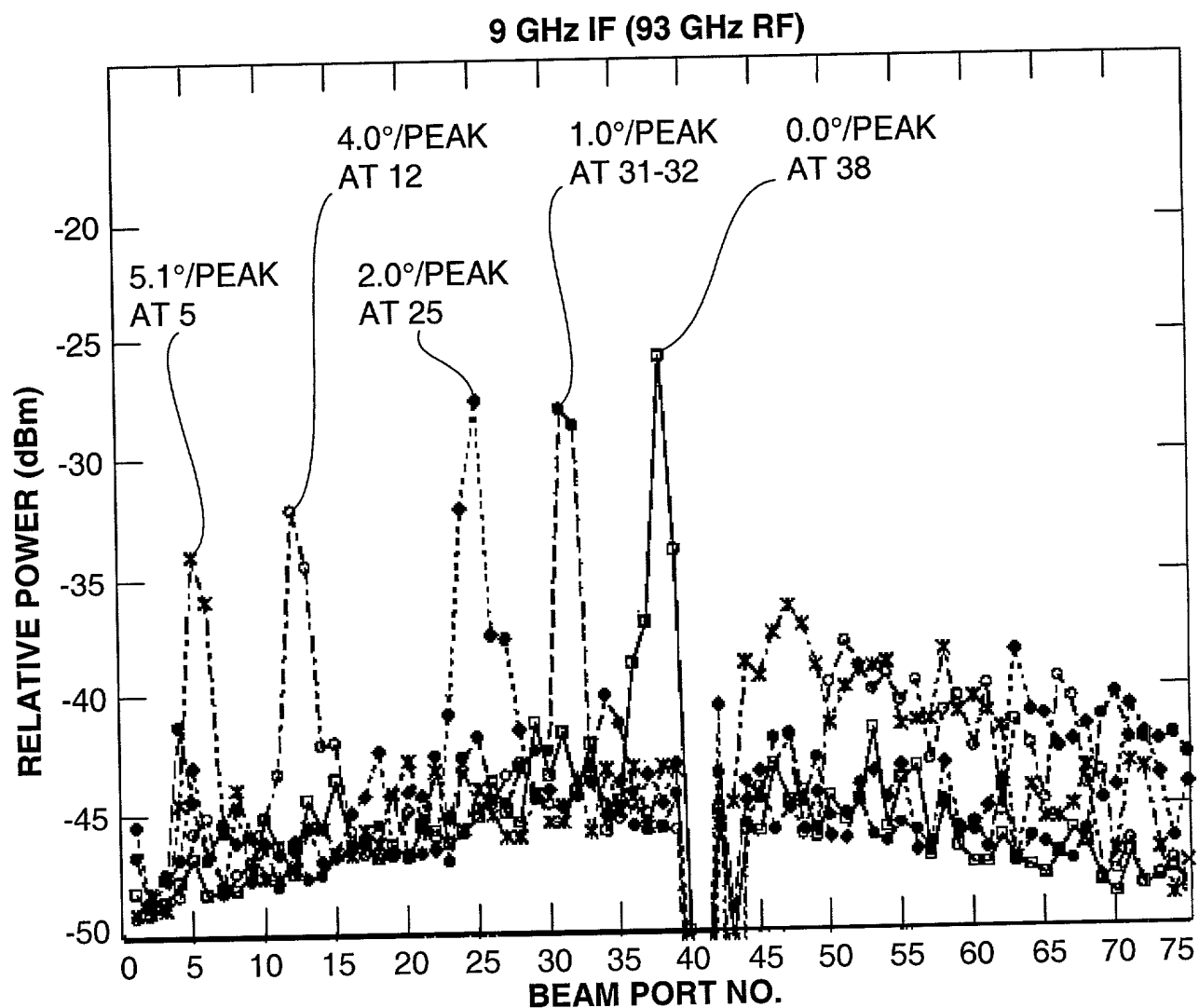


FIG. 23B

108260 54859660

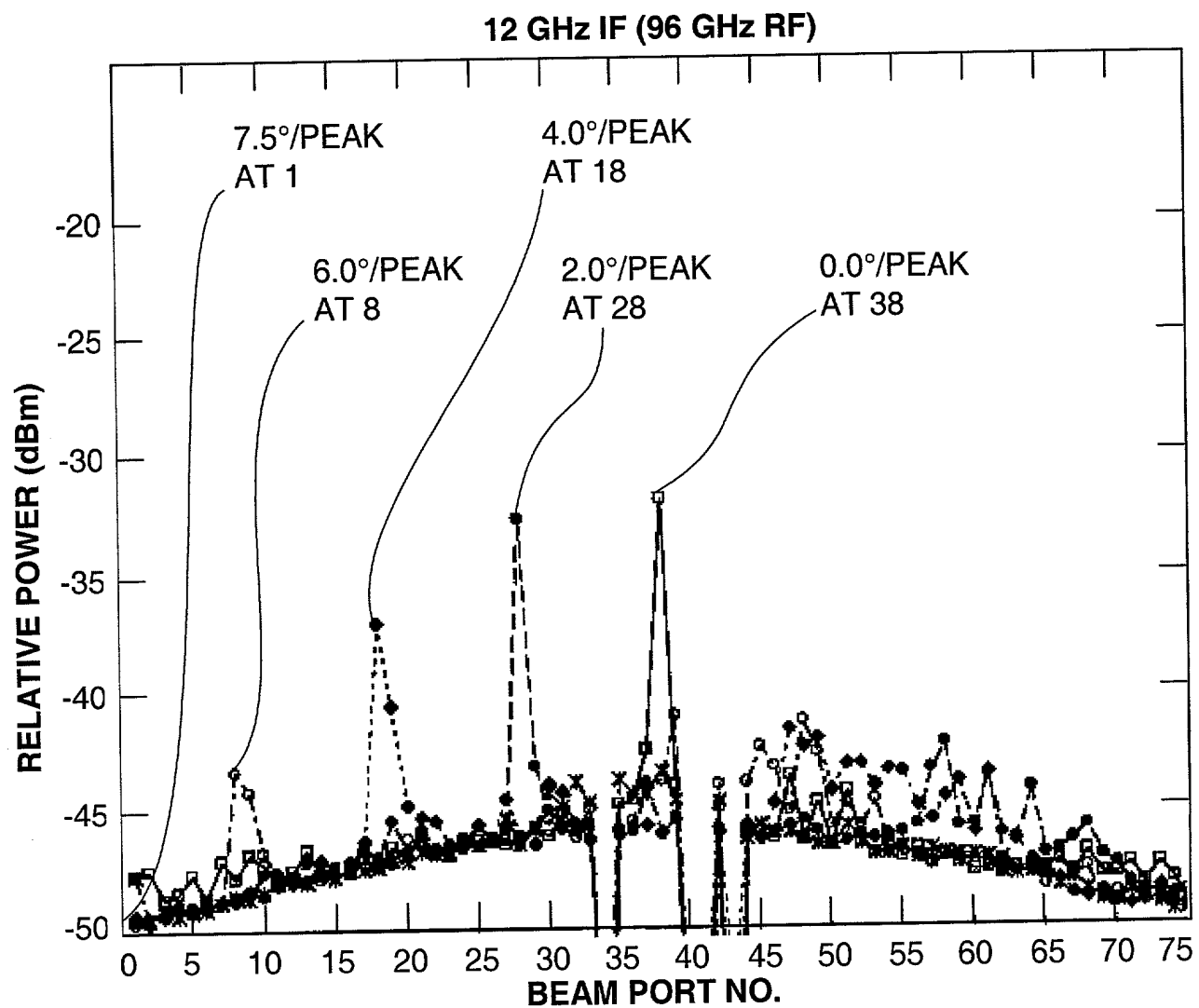


FIG. 23C